

KULDA, Vojtech, inz.

"Problems of commutation of collector electric machines" by  
[prof.] M. V. Karasev and others. Reviewed by Vojtech Kulda.  
El tech obzor 53 no. 3:178 Mr '64.

"Handbook of electrical engineering" by [prof. Dr. Ing.]  
Eugen Philippow. Vol. 1. Reviewed by Vojtech Kulda.  
Ibid.: 179-181.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

EDITION 2001 (10-10-97)

REPRINT OF THE 1964 EDITION  
WITH ADDITIONAL MATERIAL.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

KULDA, Vojtech, inz.

A new type of tandem holder for dual brushes. Elektrotechnik  
19 no.8:232 Ag '64.

KUBON, Vojtěch, inz.

Present state of problems of direct current machine commutation.  
EI tech obzor 53 no.8:420-425 Ag '64.

WISCHER, H., Dipl. Ing.; KULDA, V., inz. [translator]

Excitation of synchronous machines by rectifiers. El tech obzor 53  
no.10:529-532 0 '64.

1. VEB Elektroprojekt, Berlin, German Democratic Republic (for  
Wischer).

KULDA, Vojtech, inz.

"Noise problems of electric machines" by G.Hilmer. Reviewed by Vojtech Kulda. El tech obzor 54 no.1:34 Ja '65.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

KÜLA A, Harri; HOLM, H., otv. red.

[Fundamentals of fatigue strength calculations in machine construction] Väsimustustugevusele arvutamise alused masina-ehituses. Tallinn, Tallinna Polütehniline Instituut, 1964. 44 p. [In Estonian] (MIRA 17:6)

KULDIMA, Kh. A.

"Investigation of the Influence of the Frequency of Variable Overvoltages on the Fatigue Strength of Steels." Cand Tech Sci, Chair of Machine Construction Fundamentals, Tallin Polytechnic Inst, Min Higher Education USSR, Tllin, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

KULDMA, Kh. A.

124-11-13552

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 171 (USSR)

AUTHOR: Kuldma, Kh. A.

TITLE: Problems on the Fatigue Strength of Steel under Excessive Stresses  
(Nekotorye voprosy ustalostnoy prochnosti stalei pri  
perenapryazheniyakh )

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1956, A, Nr 76, 36 pp., ill.

ABSTRACT: Flexural tests were conducted with samples made of steel Mark 30, 45, 30X, and 45X, having a diameter of 7.52 mm; the overstresses applied to the smooth samples attained  $1.5 \sigma_{-1}$ , those applied to samples with a circular notch attained up to  $3.0 \sigma_{-1}$ . The frequency of the loading cycle was varied step-wise from 5.65 to 50 cycles per second. Following are the general results of the experiments:

1. The fatigue life of smooth samples consisting of carbon steel diminished with increasing frequency for all ranges of overstress.
2. On smooth samples made of alloy steels and low degrees of overstress, a lower frequency leads to a decreased fatigue life; for high degrees of overstress, the opposite takes place.

Card 1/2

124-11-13552

Problems on the Fatigue Strength of Steel under Excessive Stresses (Continued)

3. The fatigue life of notched samples is reduced by a lowering of the load frequency.

4. For increased frequencies, the  $m$ -th power index, which characterized the slope of the left portion of the fatigue curve, will decrease for smooth samples made of carbon steel, while it increases for alloy-steel samples and for notched samples.

5. For all steels tested it was noted that with increasing overstress there was a tendency toward a diminishing effective stress concentration coefficient (for large overstresses and Mark 30, 45, and 45X steels, values of  $\beta < 1$  and  $q < 0$  were found to be possible.)

6. With increasing load frequency the effective stress concentration coefficient is diminished.

The test data are discussed by the Author from the point of view of the theory of strain-hardening and recovery.

(D. I. Gol'tsev)

Card 2/2

KULDMA, Kh.A.

Effect of the frequency of cyclic stress on the fatigue resistance  
of steels in overtreressing. Zav. lab. 23 no. 5:594-596 '57.  
(MLBA 10:8)

1. Tallinskiy politekhnicheskiy institut.  
(Steel--Fatigue)

RAUDAM, E.I.; KULDMA, L.I.

Asymmetry of reflex leukocytosis and its diagnostic significance  
in neurologic clinical practice. Zhur.nevr.i psikh. 53 no.11:  
873-877 N '53. (MLRA 6:12)

1. Kafedra nevrologii Tartuskogo gosudarstvennogo universiteta.  
(Nervous system--Diseases) (Leukocytosis)

RUZHICKHA, Ya, [Ruzicka, J.]; KULDYACHEK, L. [Kudlacek, L.]

Effect of heterogeneous hydrolysis on the structure of cellulose.  
Vysokom. soed. 6 no.4:587-593 Ap '64. (MIRA 17:6)

L. Khimiko-tehnologicheskiy institut Pardubitse, Chekhoslovakaya Sotsialisticheskaya Respublika.

И.И. ДИАКИН, И.И.

KUL'DIAKIN, Veterinarian

City of Troitsk, Cheliabin Oblast

"On the problem of allergy diagnosis of tuberculoses."

SO: Vet. 24 (7) 1947, p. 46

KUL'DYAKIN, N. N. (with M. S. Zaslonov) (Troitsk Inter-Sovkhoz Vet Bact Lab)

The Laboratory Diagnosis of Brucellosis in Cattle. Veterinariya, Vol 27, No 6, 1950.

KUL'DYAKIN, N.N.

(From material received by the editor).

8. Extract: "Hypovitaminosis as a Factor Determining Diarrhea in Calves" by Veterinarian N.N. KUL'DYAKIN (Trotsk V terinary Bacteriological Laboratory for State Farms, Chelyabinsk Oblast). In March and April of 1948 through 1951 on steppes of the southern Urals there appeared calf sickness accompanied by diarrhea. The illness appeared most frequently in calves from heifers; calves from older cows were diseased less often and showed a lower mortality rate. The sickness would begin toward the end of the first day, or on the second to fourth day for calves from older cows, and would continue for 1½ to 2 days with normal or subfebrile temperature and end in death. When the disease took a benign course, the diarrhea would end in 3-5 days and recovery begin. In no case were the causative agents of infectious diseases observed. Page 27 (Veterinariya, No.2, 1952).

9. Extract: The author believes that the basic prophylactic measure in controlling spring diarrhea in newborn calves must be that of giving high-quality feed to pregnant cows during the third stage of gestation. On farms that do not have green hay and root crops, vitamin concentrates and mineral supplements must be added to the rations. Vitamin preparations must also be given to newborn calves in all cases where vitamin deficiency appears. (Veterinariya, No.2, 1952).

SO: [REDACTED] Report U-5638; 10 March 1954; p.7-8; [REDACTED] de g

KUL'DYAKIN, N.N., veterinarnyy vrach.

Flaws in blood specimens in laboratory tests for brucellosis.  
Veterinariia 30 no.11:56 N '53. (MLRA 6:11)

1. Troitskaya mezhsovkhoznaya vетbaklaboratoriya.

*KUL'DYAYEVA, T.A.*

KOGAN, V.B.; DEYZENROT, I.V.; KUL'DYAYEVA, T.A.; FRIDMAN, V.M.

Solubility in systems containing methanol, water, and normal paraffins. Zhur.prikl.khim. 29 no.9:1387-1392 8 '56. (MLRA 9:11)

1. Gosudarstvennyy ordena Trudovogo Krasnogo Znameni institut prikladnoy khimii.  
(Methanol) (Paraffins)

ORLOV, N., KULDYREV, S.

So they went for the championship. Voen. Znan. Al no. 5:26 My '65.  
(MIRA 18:5)

KULDYSHOV, Ivan Kapitonovich; KOM'KOV, V.I., otvetstvennyy redaktor;  
BELIKOV, B.S., redaktor; VEYNTRAUB, A.B., tekhnicheskiy redaktor

[My experience with servicing CT-35 telegraphic equipment] Moi  
opyt obsluzhivaniia telegrafnykh apparatov ST-35. Moskva, Gos. izd-vo  
lit-ry po voprosam sviazi i radio, 1956. 33 p. (MLRA 9:7)  
(Telegraph--Apparatus and supplies)

KUL'DZHANOV, B.Zh.; YUSUPBEKOV, B.Kh.; KARPYKOV, S.S.

Calculating the operating efficiency of an excavator. Trudy  
Inst. gor. dela AN Kazakh. SSR 18:16-20 '65.

(MIRA 18:12)

SHAKHANOV, B. A. YUSUPBEKOV, B. Kh.

Creating efficient operating conditions and selecting the  
optimal corresponding energy for steep mining equipment.  
Trudy Inst. gor. debl. 48 Kazakh. 8(13):138-147 '64.

*... 511*  
KUL'DZHANOV, B.Zh

Determining the optimum distance between drill holes in open-cut  
mining. Vest. AN Kazakh. SSR 13 no.12:75-82 D '57. (MIRA 11:1)  
(Mining engineering)

KUL'DZHIKOV B.Zh., Cand. Tech Sci—(diss.) "Peculiarities of ~~mining~~  
~~operations in a function of~~  
~~work depending on the time of the year in open-pit mining~~ (applicable  
to the conditions of <sup>the</sup> Kounradskiy pit)." Alma-Ata, 1954. 19 pp. with  
graphs (Min of Higher Education USSR. Kazakh Mining and Metallurgical Inst),  
150 copies (KL, 4-53, 122)

- 70 -

KUL'DZHANOV, B.Zh., kand. tekhn. nauk; YUSUPBEKOV, B.Kh., kand. tekhn. nauk

Estimates of the utilization of excavators based on technological  
schemes. Vest. AN Kazakh. SSR 19 no.12:81-85 D '63.

(MIRA 17:12)

KUL'DZHANOV, B.Zh., kand.tekhn.nauk; YUSUPBEKOV, B.Kh., kand.tekhn.nauk;  
KARPYKOV, S.S.

The combined action of excavators and locomotive-drawn trains  
in an open pit mine. Vest. AN Kazakh.SSR 20 no.11:60-65 N '64.  
(MIRA 18:2)

KULE, J.

Ambulatory treatment of nocturnal enuresis with imipramine.  
Cesk. psychiat. 59 no.3:182-183 Je '63.

1. Psychiatricka klinika lekarske fakulty KU v Plzni.  
(IMIPRAMINE) (ENURESIS)

VENCOVSKY, Eugen; PETEROVA, Eva; KULE, Jar.

Preliminary clinical trials with tetrabenazine. Cesk. Psychiat.  
57 no.6:408-409 '61.

1. Psychiatricka lekarske fakulty KU v Pizni.  
(TRANQUILIZING AGENTS ther.)

CZECHOSLOVAKIA

KULE, J., Psychiatric Clinic (Psychiatricka klinika), Faculty of Medicine (Lekarska fakulta), Charles University, Plzen.

"Outpatient Treatment of Nocturnal Enuresis With Imipramine"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 3, June 63, pp 182-193.

Abstract: Report on the Imipramine (Trofanil) treatment of 21 patients (6 girls and 15 boys) from 4 to 15 years of age. In 16 cases the treatment was successful. Details are given on the results in groups according to age. No complications were observed.

1/1

CZECHOSLOVAKIA

P. BAUDIS and J. KULF, Psychiatric Clinic of Medical Faculty of Charles University (Psychiatricka klinika lekarske fakulty Karlove University,) Prague.

"Imipramine: Some Side Effects and Enuresis Therapy."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 175-176.

Abstract : Authors observed urinary retention in 5 patients during 4 years of use; hence tried it in 42 children aged 5 to 15, all with enuresis: 12.5 to 50 mg. h.s. improved 35. Mode of action is considered neural - lower detrusor tone and increase that of internal sphincter.

1/1

BAUDIS, Pavel; DVORAKOVA, Marie; PETEROVA, Eva; KULE, Jaroslav;  
SEDIVEC, Vladislav

Comparison of the clinical picture and treatment of depression  
during the period 1952 to 1960. Plzen. lek. sborn. 23:71-76 '64

1. Psychiatricka klinika lekarske fakulty University Karlovy se  
sidlem v Plzni (prednosta: prof. MUDr. E. Vencovsky Dr.Sc.).

JUSTA, Slavoj; KULE, Ladislav

- Effect of equipment on the higher output of commercial oxygen. Chem prum 12 no.1:12-17 Ja '62.
  1. Stalinovy zavody, n.p., Zaluzi.

KLE, L.

TECHNOLOGY

ELEKROTECHNICKY OBZOR.

Vol. 47, no. 8, Aug, 1958.

KLE, L. A proposal of fundamental parameters of exciter systems by means of static characteristics. p. 404.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, no. 5  
May 1959, Unclass.

SOV/110-59-7-11/19

AUTHOR: Kule, Lyumir, Candidate of Technical Sciences (Czechoslovakia)

TITLE: The 100th Anniversary of the works Imeni V.I. Lenin in Plzeň (100 let zavoda imeni V.I. Lenina v g. Plzeni)

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 7, pp 49-55 (USSR)

ABSTRACT: In 1859 Count Waldstein opened a small foundry in Plzeň. It was later bought by Škoda and has developed into the well-known Škoda Works. After the war the Škoda works was nationalised and sub-divided into a number of separate large enterprises. The Plzeň works "imeni Lenin" consists of metallurgical, heavy engineering, precision engineering, electrical engineering, mechanical, assembly and other auxiliary works and shops. Further information is given about the electrical engineering works in Doudleby. Production commenced on a small scale in 1922 and rapidly developed, particularly because of its association with the main Plzeň Engineering Works. After nationalisation in 1945 it was decided that the works should specialise on the production of large and medium electrical equipment. Since then the works has been considerably extended. A brief historical review

Card 1/2

SOV/110-59-7-11/19  
The 100th Anniversary of the Works Imeni V.I. Lenin in Plzeň  
is given of the development of various types of equipment,  
including turbo-generators (see Table 1), hydro-  
alternators, synchronous condensers, transformers and  
reactors, air-blast circuit breakers and isolators (see  
Table 2), synchronous motors, induction motors, Schrage  
motors and d.c. motors. There is a special design group  
working on large Ward Leonard drives. Electric  
locomotives and trolley buses are made.  
Card 2/2 There are 6 figures and 2 tables.

KULE, Ljumir

Graphic construction of fundamental transition functions. p. 198

ELEKTROTECHNICKY ORZOR. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elektrotechniku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol.48, No. 4, April 1959

Monthly List of East European Accessions (EEAI), LV, Vol. 8, No. 7, July 1959  
Uncl.

KULE, Lumir, inz., kandidat technickych ved

Jan Soukenik; obituary. El tech obzor 51 no.8:432 Ag '62.

1. Hlavni konstrukter, Zavody V.I. Lenina, Plzen.

KULEBA, S.I.

Ways of reducing residual shrinkage of mixed fabrics with an  
addition of 50-60 percent of staple fiber. Obm.tekh.opyt. [MLP]  
no.10:7-8 '56. (MIRA 11:11)  
(Textile fabrics)

KULEBA, S.I.; KHAAZE, R.A.

Staple dress fabrics. Tekst, prem. 16 no.4:54 Ap '56. (MLRA 9:7)  
(Textile fabrics)

*Kuleba, S.I.*

KULEBA, S.I.

Bleaching fabrics made of dark wool. Tekst.prom. 17 no.9:61  
S '57. (MIRA 10:11)  
(Textile finishing) (Bleaching)

KULEBA, S.I.

Good mothproofing compound. Tekst.prom. 18 no.4:73 Ap '58.  
(Estonia--Mothproofing) (MIRA 11:4)

~~KULEBAKIN, G.I., arkhitektor.~~

~~Well organized public services in German cities. Ger. khev. Mesk. 31  
no.3:36-37 Mr '57. (MLRA 10:4)  
(Germany, West--Municipal services)~~

KULEBAKIN, Grigoriy Ivanovich; RAZIMOV, P., red.; SHLYK, M., tekhn.red.

[Advises to builders] Sovety zastroishchiku. Moskva, Mosk.  
rabochii, 1960. 218 p. (MIRA 13:7)  
(Building)

KULEBAKIN, Georgiy Ivanovich; RAZINKOV, P., red.; POKHLEBKINA, M.,  
tekhn. red.

[Settlement and rural cooperative construction] Poselkovoe i  
sel'skoe kooperativnoe stroitel'stvo. Moskva, Mosk. rabochii,  
1963. 310 p.  
(Rural construction)

KULEBAKIN, P.

Competition of plows. Tekh.mol. 30 no.10:2-3 '62. (MIRA 15:12)

1. Rukovoditel' ot dela pochvoobrabotki Sibirskogo filiala  
Vsesoyuznogo nauchno-issledovatel'skogo instituta mekhanizatsii  
sel'skogo khozyaystva (SibVIM).  
(Plows)

KULEBAKIN, P.G.; DENISYUK, Ya.M.; KIKIN, A.A.

Determining the traction resistance of plows in relation to the  
physicomechanical properties of soil. Trakt.i sel'khozmash. 31  
no.2:18-19 F '61. (MIRA 14:7)

1. Sibirskoye otdeleniye AN SSSR.  
(Plows) (Soil physics)

KULEBAKIN, P.G.

Results of the study of mechanical Solometz cultivation in  
Baraba. Trudy Biol. inst. Sib. otd. AN SSSR no. 9:229-237  
1962  
(MIRA 1718)

KULEBAKIN, P.G.; KAZAKOVA, I.P., inzh.

Efficiency of using disc plow-harrows and cultivators. Zemledelie  
24 no.4:28-30 Ap '62. (MIRA 15:4)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta mekhanizatsii sel'skogo khozyystva. 2. Rukovoditel'  
laboratorii pochvoobrabotki Sibirskogo filiala Vsesoyuznogo  
nauchno-issledovatel'skogo instituta mekhanizatsii sel'skogo  
khozyystva (for Kulebakin).

(Soil moisture) (Tillage)

KULBAKIN, F. G.

Studying the performance of tillage machines and implements  
for the virgin Solonetz soils in the Baraba. Russ. trudy  
SibVDM no. 18147-158 '63.

Physicochemical properties of the Solonetz soils in the Baraba.  
Ibid. 8159-171  
(MIRA 1728)

KULEBAKIN, P.G., inzh.; ARZHANYKH, A.I.

Working parts of disk harrows for operation at increased speeds. Trakt. i sel'khozmash. 33 no.11:18-19 N '63.

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta mekhanizatsii sel'skogo khozyaystva.  
(MIRA 17:9)

KULEBAKIN, P.G., kand. sel'skokhozyaistvennykh nauk

Tilling soil before sowing using disk-type implements. Zemledelie  
27 no.4:15-19 Ap '65. (MIRA 18:4)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta mekhanizatsii.

KUL'EBAKIN, P.G., kand. sel'skokhoz. nauk; ARZHANYKH, A.I., inzh.

Studying the work of a harrow plow with inclined flat disks operating at increased speeds. Trakt. i sel'khozmash. no.4:29-31 Ap '65.

(MIRA 18:5)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo in-  
stituta mekhanizatsii sel'skogo khozyaystva.

KOVDAKIN, V. A.

USSR/Geophysics - Turkmen Canal

"Science Serves the People," Acad I. P. Bardin, Vice-pres of Acad Sci USSR

Priroda, No 2, pp 1-4

States that Prof V. A. Kovda Headed the complex Aralo-Caspian Expedition, which has been conducting operations on the Main Turkmen Canal. This expedition included 20 quads (otryad) headed by I. P. Gerasimov (Corr Mem Acad Sci USSR), Prof V. A. Kubyanskiy, A. G. Eberzin, V. N. Kunin etc. States also that the Laboratory of Hydrogeological Problems, Acad Sci USSR, has compiled a map of hydrochemical zones in the Caspian steppes and has been forecasting slides during operations. Remarks that Acad S. A. Khristianovich and Acad V. S. Kulebakin head the Kuybyshev and Stalingrad hydroelectric construction brigades, respectively, that attack special problems.

KULERBAKIN, V. I.

Full term abdominal pregnancy; from a practitioner's notebook.  
Akush. i gin. 33 no.1:104-105 Ja-F '57 (MLRA 10:4)

1. Iz Limendskoy lineynoy bol'nitsy Arkhangel'skoy oblasti.  
(PREGNANCY, ECTOPIC, case reports  
peritoneal, full term) (Rus)

KULEBAKIN, V.S., akademik, otv. red.; PETROV, B.N., akademik, otv. red.; BODNER, V.A., doktor tekhn. nauk, red.; VORONOV, A.A., doktor tekhn. nauk, red.; IVAKHnenko, A.G., red.; ISHLINSKIY, A.Yu., akademik, red.; KOSTYUK, O.M., kand. tekhn. nauk, red.; KRASSOV, I.M., kand. tekhn. nauk, red.; KUNTSEVICH, V.M., kand. tekhn. nauk, red.; KUKHTENKO, A.I., red.; RYABOV, B.A., doktor tekhn. nauk, red.; SIMONOV, N.I., doktor fiz.-mat. nauk, red.; ULANOV, G.M., doktor tekhn. nauk, red.; FEDOROV, S.M., kand. tekhn. nauk, red.; TSYPLKIN, Ya.Z., doktor tekhn. nauk, red.; CHINAYEV, P.I., kand. tekhn. nauk, red.; KRUTOVA, I.N., kand. tekhn. nauk, red.; RUTKOVSKIY, V.Yu., kand. tekhn. nauk, red.

[Invariancy theory in automatic control systems; transactions] Teoriia invariantnosti v sistemakh avtomaticheskogo upravleniya; trudy. Moskva, Nauka, 1964. 503 p.

(MIRA 18:2)

1. Vsesoyuznoye soveshchaniye po teorii invariantnosti i yeye primeneniyu v avtomaticheskikh ustroystvakh. 2d, Kiev, 1962. 2. Chlen-korrespondent AN Ukr.SSR (for Ivakhnenko, Kukhtenko).

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

... devices, the full-invariance principle can be used to ...

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

KULEBAКIN, V. S.

"Electrical Equipment," Vol. I, Moscow-Leningrad, 1932

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

KULEBAKIN, V. S.

"Testing Electrical Machines and Transformers," 2nd edition, Moscow-Leningrad,  
1935

KULEBAKIN, V.S.

K teorii elektroinertsionnogo startera. Moskva, Izd. Voenno-vozdushnoi akademii, 1939.

Title tr.: Theory of the electric-intertia starter.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

KULEBAKIN, V.S. , Academician; KHRAMOV, A.V.

"On Some Problems in Development of Automatics and Telemechanics," I<sub>z</sub>. Ak.  
Nauk SSSR, Otdel. Tekh Nauk, No. 10, 1940. Submitted 2 Sept. 1940

Report U-1530, 25 Oct 1951

KULEBAKOV, V. S. and SENKEVICH, A. M.

"Electrical Equipment for Aircraft," Part. I, Moscow, 1945

KULEBAKIN, V.S.

"The Performance of Electric Machines in Longitudinal Transverse Field  
When Operating as a Motor." Issue 330, published by the Red Banner Order  
of Lenin Military Air Engineering Academy imeni N. Yo. Zhukovskiy, 20 pp.  
1948.

KULEBAKIN, V.S.

"The Theory of the Impulse Method for Regulating the Rotation Speed of Electric Motors with Independent or Constant Excitation." Issue 304, published by the Red Banner Order of Lenin Military Air Engineering Academy imeni N. Ye. Zhukovskiy, 1948, 32 pp.

KULEBAKIN, V.S.

"Lectures on the Course 'Electrification of Airplanes.' " No. 1, published  
by Red Banner Order of Lenin Military Air Engineering Academy imeni  
N. Ye. Zhukovskiy, 1948, 72 pp.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

KULEPAKIN ,V.S., editor

Khremoy, A.V., "The Technical and Economic Fundamentals of Automatics"  
All-Union Council of Scientific Engineering-Technical Societies, Moscow, 1949,  
120 pp, 3,200 copies

KIEVSKII, V. S.

52/49T2

USSR/Academy of Sciences  
Automatic Regulations

Jul 49

"Scientific Seminar of the Institute of Automatics  
and Telemechanics on Automatic Electric Drive,"  
I. V. Utkin, 5 pp

"IZ Ak Nauk SSSR, Otdel Tekh Nauk" No 7

At the seminar, attended by about 100 scientific  
and engineering-technical workers of Moscow,  
reports submitted included: V. S. Kulebakin's  
"Theory of the Impulse Method of Regulating Speed  
in Electric Motors," F. A. Gorjazov's "Operation  
of an Electrical Regulator (Rototrol) in Regulation  
Systems," and D. A. Popov's "Characteristics of  
52/49T2

USSR/Academy of Sciences (Cont'd)

Jul 49

Aircraft Electric Drive." Two sessions were  
devoted to the report, "Frequency Method of  
Analyzing the Quality of a Servoelectric Drive."

52/49T2

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

KULEBAKIN, V. S. and LOSSIEVSKIY, V. L.

"Principles of Automatic Regulation", Gosenergoizdat, 111 pp, 1950.

KULESHKIN, V.S.  
SA

13-64  
C

2412. On the operation of magnetized, transverse  
field electro-machine amplifiers (metadyne) as motors.  
V. S. KULESHKIN, Izv. Akad. Nauk, SSSR, Otdel  
Tekh. Nauk (No. 1) 50-63 (Jan., 1950) *In Russian*

Analyses the operation of metadyne motors, and  
derives the fundamental equations of two classes of  
such machines: with shunt- and series-commutated  
starting field windings. By suitable arrangements of  
starting and control field windings, various desired  
starting and speed control characteristics can be  
obtained. The no-load speed has an "ideal" finite  
value, and automatic regenerative braking is obtained  
at speeds in excess. These and the low powers  
involved in control circuits over a wide speed range  
are claimed as advantages over orthodox dc machines.  
The author's experiments are claimed to substantiate  
the expanded analyses. A short bibliography of  
previous Soviet articles on metadyne generators  
is given.  
E. McALPIN

ASA-15-A METALLURGICAL LITERATURE CLASSIFICATION

KULIKOVIN, V.S.

AMR

Gyroskop, Governor, Servo

6. 23. Kulikovin, V. S. On the selection of optimal parameters of automatic governors and follower systems (in Russian). *Mash. Akad. Nauk SSSR (N.S.)* 17, 2, 265-267, Mar. 1961.

Author shows that the general case of any linear control system can be expressed by three simultaneous linear equations written in operational form having, as coefficients, certain differential operators and, as unknowns, the error, the coordinate of the control member, and the output. Each of these unknown quantities has a free and a forced component. Problem proposed by author consists in formulating conditions for reducing the forced component to zero. Defining as the operator-image of the forcing function such operator which, being applied to this function, reduces it to zero, author shows that the problem is solved if the operator of the forcing function contains the operator-image as a factor. The operator of the forcing function is that which appears on the right-hand side of the solution of the above system. No example is given but it is mentioned that this method is applicable to linear amplifiers. N. Minovsky, France

Jan 62

## APPENDIX METALLURGICAL LITERATURE CLASSIFICATION

1. SUBJECT AREA	2. SUBJECT AREA	3. SUBJECT AREA	4. SUBJECT AREA	5. SUBJECT AREA
500-599	600-699	700-799	800-899	900-999

KULEBAKIN, V. S.

PA 237T22

USSR/Electricity - Scientists  
Illuminating Engineering Jun 52

"Professor B. F. Fedorov (His 60th Birthday and  
30 Years of Scientific, Pedagogical, and Engineer-  
ing Activity" V. S. Kulebakin, et al.

"Elektrichestvo" No 6, pp 89-90

Lists main events in professional life of Boris  
Fedorovich Fedorov, who was born 26 Apr 1892 in  
Moscow. Specialist in illuminating eng, he has  
done eng and teaching work, written textbooks in  
the field. Long Chairman of Illuminating Eng

237T22

Section of MONTOE (Moscow Branch of VNIIOE), he  
is now member of Illuminating Eng Commission, Dept  
Tech Sci, Acad Sci USSR.

237T22

KULEBAKIN, V. S.

Hydroelectric Power Stations

Work of the scientists' brigade on the Stalingrad hydroelectric construction project.  
Vest. ANSSSR, 22, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June, 1952. ~~1953~~, Uncl.

KUL'BAKIN, V. S., Acad., ROSENFEL'D, V. Ye., Prof., LIVSKITS, I. I., TIKHMELEV, V. N.

Mine Haulage

Concerning B. S. Belovidov's article "Range of usefulness of condenser electric locomotives." Gor. zhur. 126 no.6 (1952)

9. Monthly List of Russian Accessions, Library of Congress, September 1952, Uncl.

KULEBAKIN, V. S., (Academician)

Elektrifikatsiya samoletov (The Electrification of Aircraft), edited by  
Academician V. S. KULEBAKIN\*. (Air Force Engineering Academy imeni  
Zhukovskiy Press.) (See section on Personalities, VUKOLOV, V.) Krasnaya  
Zvezda, Moscow, 2 Sep 54

SO: SUM 291, 2 Dec 1954

RECORDED BY: [Redacted]

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Kulibakin, V.S.	"Electrification of Aircraft"	Air Force Engineering Academy
Morozovskiy, V.T.		imeni Prof N.Ye. Zhukovskiy
Naiborskiy, V.D.		
Sindeyev, I.M.		

SO: W-30604, 7 July 1954

KULEBAКIN, V.S.

V.I.Kovalenkov. 70th anniversary of his birth. Vest.sviazi 14 no.4:  
3 of cover Ap '54. (MLRA 7:6)

1. Deystvitel'nyy chlen Akademii nauk SSSR.  
(Kovalenkov, Valentin Ivanovich, 1884- )

Translation M-1316, 19 Nov 83

KULEBAKIN, V.S., akademik, redaktor; KLIMOV, V.A., redaktor; SHEVCHENKO, G.N., tekhnicheskiy redaktor

[Problems in the construction of hydroelectric power plants; papers delivered at scientific and technical conferences sponsored by the Academy of Sciences of the U.S.S.R. and the Stalingrad Hydroelectric Power System] Voprosy stroitel'stva gidroelektrostantsii; po materialam nauchno-tehnicheskikh konferentsii, provedennykh Akademiei nauk SSSR i Stalingradgidrostroem. Moskva, 1955. 139 p  
(MLRA 9:2)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil. Sektor gidroenergeticheskikh resursov.

(Hydroelectric power stations)

*KULEBAKIN, V.S.*

SOV/124-58-4-3733

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p 10 (USSR)

AUTHOR: Kulebakin, V.S.

TITLE: On the Fundamental Problems and Methods of the Improvement  
of Automatic Control-system Performance (Ob osnovnykh  
zadachakh i metodakh povysheniya kachestva avtomaticheskikh  
upravlyayemykh sistem)

PERIODICAL: Tr. 2-go Vses. soveshchaniya po teorii avtomat. reguliro-  
vaniya. Vol 2. Moscow-Leningrad, Izd-vo AN SSSR, 1955,  
pp 184-207

ABSTRACT: Bibliographic entry

1. Control systems--Performance

Card 1/1

KULEBAKIN, V. S.

Subject : USSR/Electricity

AID P - 3269

Card 1/1 Pub. 27 - 24/25

Authors : Kulebakin, V. S. and others

Title : S. A. Rinkevich, deceased

Periodical : Elektrichestvo, 9, 85, S 1955

Abstract : The authors pay tribute to the scientific and educational activities of S. I. Rinkevich, professor of the Leningrad Electrical Engineering Institute im. Ul'yanov, and creator of the modern scientific school of the electric drive.

Institution : None

Submitted : No date

KULEBAKIN, V.S., akademik, redaktor; BUDZKO, I.A., doktor tekhnicheskikh nauk, redaktor; GANELIN, A.M., kandidat tekhnicheskikh nauk, redaktor; GLEBOVICH, A.A., kandidat tekhnicheskikh nauk, redaktor; DREVS, G.V., kandidat tekhnicheskikh nauk, redaktor; LIBENSON, D.Ya., kandidat tekhnicheskikh nauk, redaktor; SLAVIN, P.M., kandidat tekhnicheskikh nauk, redaktor; SOLODENIKOV, V.N., kandidat tekhnicheskikh nauk, redaktor; SHUMILOVSKIY, N.N., doktor tekhnicheskikh nauk, redaktor; KURDYUKOV, K.P., kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.A., redaktor izdatel'stva; MOSKVICHKVA, N.I., tekhnicheskiy redaktor

[Automatization of work in agriculture; papers delivered at the conference November 25 - December 2, 1954] Avtomatizatsiya poroizvodstvennykh protsessov v sel'skom khoziaistve; materialy soveshchaniya, 25 noiabria - 2 dekabria. Moskva, Izd-vo Akademii nauk SSSR, 1956. 452 p.

(MIRA 9:12)

1. Soveshchaniye po avtomatizatsii proizvodstvennykh protsessov v sel'skom khozyaystve, 1954. 2. Institut avtomatiki i telemekhaniki AN SSSR (for Kulebakin). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (for Glebovich, Solodenikov)

(Automatic control) (Agriculture)

KULEBAКIN, V.S., akademik, otvetstvennyy redaktor; KARYAKIN, N.A.,  
redaktor izdatel'stva; MOSKVICHENVA, N.I., tekhnicheskiy redaktor

[A reference book on illumination engineering] Spravochnaya kniga  
po svetotekhnike. Moskva. Vol. 1. Svetovye pribory i istochniki  
sveta. 1956. 471 p.  
(MLRA 9:10)

1. Akademiya nauk SSSR. Otdeleniye tekhnicheskikh nauk  
(Lighting)

KULEBAKIN, Viktor Sergeyevich; MOROZOVSKIY, Vladimir Tikhonovich; SINDEYEV,  
Igor' Mikhaylovich; LARIONOV, A.N., professor; SENKEVICH, A.M.,  
kandidat tekhnicheskikh nauk, redaktor; BOGOMOLOVA, M.P., izdatel'skiy  
redaktor; ZUDAKIN, I.M., tekhnicheskiy redaktor

[Production, transformation and distribution of electric power in  
aircraft] Proizvodstvo, preobrazovanie i raspradelelenie elektricheskoi  
energii na samoletakh. Moskva, Gos.izd-vo obor. promyshl., 1956. 479 p.  
(MIRA 9:11)

1. Zaveduyushchiy kafedroy elektrooborudovaniya samoletov i avtomobi-  
ley Moskovskogo energeticheskogo instituta imeni Molotova, chlen-  
korrespondent Akademii nauk SSSR (for Larionov)  
(Electricity in aeronautics)

KULEBAKIN, V. S., Academician. and LARIONOV, A. N. Corresponding Member of the Academy of Sciences USSR.

"Scientific Problems Connected With the Development of Automatized Electric Drive Systems." a paper given at the Conference on Scientific Problems of Production Automation, Moscow State U. 15-20 Oct 56.

KULEBAKIN, V. S., BLAGOVACHEVSKIY, A. A., ARTOBOL'EVSKIY, I. I., and DIKUSHIN, V. I. Academicians

"Aims of the Technical Sciences in Developing Machines and Technological processes in Connection With Automation" paper given at the Conference on Scientific Problems of Production Automation, Moscow State U. 15-20 Oct 1956.

KUL'BAKIN, B. S., SUDNEYEV, I. N., and MARYOVSKY, B. T.

Electrification of Aircraft published in 1956 by the State Publishing House of the Defense Industry.

A translation of the Preface and the Table of Contents is also forwarded -

SO: 1123980

KOSTENKO, M.P.; KULEBAКIM, V.S.; LARIOMOV, A.N.; PETROV, G.N.;  
MITUSOV, Ye.V.; BOGOYAVLENSKIY, V.N.; RUDAKOV, V.V.; KOLBASHNIKOV,  
M.V.

N.V. Gorokhov; obituary. Elektrichestvo no.1:95 Ja '56. (MLRA 9:3)  
(Gorokhov, Nikolai Vladimirovich, 1896-1955)

KULEBAKIN, V.S., akademik.

Eliminating unbalance of the magnetizing forces in capacitor-compensated induction motors. Elektrichestvo no.7:15-18 J1 '56.  
(MIRA 9:10)

(Electric motors, Induction)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410006-2"

112-3-6547

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 3,  
p. 207 (USSR)

AUTHOR: Kulebakin, V.S.

TITLE: Main Trends in the Automation of Production Processes  
(Ob osnovnykh napravleniyakh avtomatizatsii  
proizvodstvennykh protsessov)

PERIODICAL: Prom.-ekon. gaz., 1956, 21 Oct., Nr 114, p. 2

ABSTRACT: Bibliographic entry.

Card 1/1

112-3-6239

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,  
Nr 3, p. 169 (USSR)

AUTHOR: Blagonravov, A., Artobolevskiy, I., Dikushin, V.,  
Kulebakin, V.

TITLE: Problems of the Technical Sciences in the Development of  
Machines and Technological Processes for Automation  
(Zadachi tekhnicheskikh nauk v razvitiil mashin i tekhnologicheskikh protsessov v svyazi s avtomatizatsiyey)

PERIODICAL: Prom.-ekon. gaz., 1956, 26 Oct., Nr 116, pp. 2-3;  
28 Oct., Nr 117, pp. 2-4

ABSTRACT: Bibliographic entry.

Card 1/1

КУЛЕБАКИН, В.С.

TOPCHIYEV, A.V., akademik, glavnnyy redaktor; KULEBAKIN, V.S., akademik, otvetstvennyy redaktor; GORSKIY, B., redaktor; NEVRAIEV, V.Yu., redaktor; UTKIN, I.V., redaktor; ASTAF'YEVA, G.A., tekhnicheskyy redaktor.

[Session of the Academy of Sciences of the U.S.S.R on scientific problems of the automatization of production, October 15-20, 1956; scientific and technical problems of automatic electric drive] Ses-  
sia Akademii nauk SSSR po nauchnym problemam avtomatizatsii proiz-  
vodstva, 15-20 oktiabria 1956 g; nauchno-tehnicheskie problemy  
avtomatizirovannogo elektroprivoda. Moskva. 1957. 444 p.

1. Akademiya nauk SSSR.

(MIRA 10:5)

(Electric driving)  
(Automatic control)

In the article, "Control of Rotation Velocity of Three-Phase, Induction Motors by Utilizing Bridge Sensitive Elements," V. S. Kulebakin and S. M. Domanitskiy discuss the speed control of low-power, three-phase, induction motors by a bridge sensitive element. The authors also give the theory of the suggested system for motors with a squirrel-cage and a wound rotor and for a motor with a solid iron rotor. (Avtomakika i Telemekhanika, No 2, Feb 57, pp 137-144) (U)

KULEBAKIN, V.S.; LARIONOV, A.N.; CHILIKIN, M.G.; GOLOVAN, A.T.;  
MOROV, D.P.; KURBATOVA, N.S.; KORITSKIY, A.V.; VESHENEVSKIY,  
S.N.; TISHCHENKO, N.A.; TULIN, V.S.

Doctor of Technical Sciences I.I. Petrov. Elektrichestvo no.12:  
(MIRA 10:12)  
83 D '57.  
(Petrov, Ivan Ivanovich, 1907-)

AUTHOR:  
TITLE:  
PERIODICAL:

V.  
KULEBAKIN, W.S.  
Main Trends in the Development of Automation. (Osnovnyye puti  
dal'neyshego razvitiya avtomatiki, Russian)  
Vestnik Akademii Nauk SSSR, 1957, Vol 27, Nr 1, pp 3-8 (U.S.S.R.)  
Received: 5 / 1957

PA - 2454

Reviewed: 6 / 1957

ABSTRACT:

In the struggle for technical progress, for the acceleration of the development of the heavy industry, particularly of its essential part, the machine-building industry, not only the introduction of automation itself in all branches of production, but beyond that an increasing improvement of the methods and means of automation, of the technical quality of automatically working apparatus, and a step-up in the production of the technical instrumentation of automation is of great importance. In the case of all automatic systems, the element of regulation of control is the principal part and therefore it is necessary to produce such mechanism as facilitate the highest degree of automatic control, velocity, and exactitude in the execution of operations. The main element of automation is current transmission which is an organic part of the automatic apparatus, and which is of decisive influence on the efficiency of the apparatus, the construction of the machines involved, and finally on the quality of technological process. This point has frequently been misunderstood.

Card 1/2

PA - 2454

Main Trends in the Development of Automation.

and often current transmission is regarded as a secondary element of machinery, which point of view is incorrect. This has been emphasized in the directives of the 20th party congress on the 6th five-years' plan. This fact has not received sufficient attention from several of our scientists and industry-leaders, although the scientific principles exist in our scientific work. The curriculum of our technical universities must be revised, textbooks must be edited in enlarged volumes in order to promote training in the theory and practice of automation.

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 2/2

SHUMILOVSKIY, Nikolay Nikolayevich, prof., doktor tekhn.nauk; MEL'ITTSER,  
Lei' Vladimirovich, kand.tekhn.nauk; ANTIK, I.V., red.; VESHE-  
MEVSKIY, S.M., red.; KULEBAКH, V.S., red.; SMIRNOV, A.D., red.;  
SOTSKOV, B.S., red.; STEFANI, Yef.P., red.; IORDAN, G.G., red.;  
BOHUNOV, N.I., tekhn.red.

[Using nuclear radiation in units for automatic control of  
industrial processes] Primenenie iadernykh izlucheniий v ustroistvakh  
avtomaticheskogo kontrolya tekhnologicheskikh protsessov. Moskva,  
Gos.energ.izd-vo, 1958. 95 p. (Biblioteka po avtomatike, no.1)  
(Automatic control) (Radioisotopes--Industrial applications)

8(2,5)

PHASE I BOOK EXPLOITATION

SOV/1706

Kulebakin, Viktor Sergeyevich, and Valentin Dmitriyevich Nagorskiy

Elektroprivod samoletnykh agregatov i mekhanizmov (Electric Actuator of Aircraft Components and Mechanisms) Moscow, Oborongiz, 1958. 388 p. (Series: Elektrifikatsiya samoletov) 10,000 copies printed.

Reviewers: Yu. A. Popov, Candidate of Technical Sciences, Docent, Head, Department of Aviation Electric Equipment, Moscow Aviation Institute, and A. N. Larionov, Corresponding Member, USSR Academy of Sciences, Professor, Head, Department of Aircraft and Automobile Electric Equipment, Moscow Power Institute; Ed.: A.M. Senkevich, Candidate of Technical Sciences, Docent; Chief Ed.: A.I. Sokolov, Engineer; Ed. of Publishing House: F.G. Tubanskaya; Tech. Ed: V.P. Rozhin.

PURPOSE: This book for practicing engineers and students of aircraft mechanisms is a systematic treatment of the principles of operation and the design features of electric actuators used in aircraft control functions.

COVERAGE: The book contains basic theory on aircraft electric actuators and gives analysis of the working processes of individual components and systems of electric

Card 1/11

Electric Actuator of Aircraft (Cont.)

SOV/1706

actuators of aircraft elements and mechanisms. Methods of automatic control by means of these systems are described. Data are presented on the static and dynamic characteristics and design features of the most widely used forms of electric actuators. There are 9 Soviet references. No personalities are mentioned.

## TABLE OF CONTENTS:

Preface	3
FIRST PART. PRINCIPLES OF THE ELECTRIC ACTUATOR OF AIRCRAFT MECHANISMS	
Ch. I. Basic Information	7
1.1. Principles of the actuator of aircraft mechanisms	7
1.2. Development of an aeronautical electric actuator	10
1.3. Classification of aircraft working components and actuating mechanisms	12
1.4. Requirements for actuators of aircraft operating mechanisms	25
1.5. Comparative analysis of various actuators of aircraft mechanisms	26
1.6. Properties of a hand driven actuator	32
Ch. II. Structure of Electric Actuators of Aircraft Mechanisms	34
2.1. Classification of electric actuators	34

Card 2/11